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(54) Title: COMPLEX COACERVATE CORE MICELLES AS SURFACE MODIFICATION OR SURFACE TREATMENT

(57) Abstract: The present invention relates to devices carrying on the surface polymeric micelles and a process for the preparation thereof. It further relates to the use of polymeric micelles as a surface coating for rendering a surface anti-fouling and/or protein-resistant. The present invention relates to modified or treated surfaces carrying on polymeric micelles and a process for the preparation thereof. It further relates to the use of polymeric micelles as a surface coating for surface modification or surface treatment. The surface modification or surface treatment is for example for rendering a surface anti-fouling and/or protein-resistant, or for preventing bacteria proliferation, disinfecting, suppressing odours, preventing malodour, providing easy-cleaning or soil-release properties. These polymeric micelles are of the so-called complex coacervate core type, exhibiting a hydrophilic, neutral corona and a core, which is formed by charge complexation of oppositely charged blocks.



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